Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035663.D
Acq On : 24 Jun 2022 15:13
Operator : CG/JU
Sample : PB145636BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS636

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 04:05:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	3687	0.400	ng/ul	0.04
4) Naphthalene-d8	10.655	136	16877	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	8939m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	14422	0.400	ng/ul	0.01
17) Chrysene-d12	21.418	240	12343	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	11057	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4068	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7705	0.307	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	13523	0.326	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.298	88	12185	2.359	ng/ul#	56
5) Naphthalene	10.710	128	18770	0.328	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	10599	0.325	ng/ul	95
8) 1-Methylnaphthalene	12.536	142	10355	0.345	ng/ul	99
10) Acenaphthylene	14.210	152	17270	0.343	ng/ul	99
11) Acenaphthene	14.538	153	13179	0.353	ng/ul	99
12) Fluorene	15.551	166	14105	0.335	ng/ul	99
14) Pentachlorophenol	16.942	266	1900	0.687	ng/ul	98
15) Phenanthrene	17.280	178	20266	0.383	ng/ul	100
16) Anthracene	17.394	178	15820	0.342	ng/ul	99
19) Fluoranthene	19.289	202	22495	0.357	ng/ul	99
20) Pyrene	19.651	202	26112	0.395	ng/ul	100
21) Benzo(a)anthracene	21.406	228	15752	0.337	ng/ul	99
22) Chrysene	21.456	228	22833	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.051	252	20223	0.418	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	20465	0.407	ng/ul	98
26) Benzo(a)pyrene	23.671	252	21202	0.422	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.225	276	24444	0.423	ng/ul	98
28) Dibenzo(a,h)anthracene	26.235	278	19757	0.419	ng/ul	99
29) Benzo(g,h,i)perylene	26.950	276	22738	0.439	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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